

BID SOLICITATION NOTICE

TO RECEIVE A BID PACKAGE, BIDDERS MAY EITHER DOWNLOAD THE REQUEST FOR BID ("RFB") FROM THE AUTHORITY'S WEBSITE AT <http://www.state.nj.us/turnpike/purchasing.html> OR REQUEST A BID BY COMPLETING THIS FORM AND FAXING IT TO THE NUMBER STATED BELOW. FOR RECORD KEEPING PURPOSES, THE AUTHORITY REQUESTS THAT THE BIDDER COMPLETE THIS FORM AND RETURN IT TO THE PROCUREMENT AND MATERIALS MANAGEMENT DEPARTMENT, EVEN WHEN A BIDDER IS DOWNLOADING THE RFB. THIS IS THE ONLY NOTICE OF BIDDING FOR THE FOLLOWING GOODS.

THE NEW JERSEY TURNPIKE AUTHORITY PROCUREMENT AND MATERIALS MANAGEMENT DEPARTMENT

New Jersey Turnpike Administrative Offices
P.O. Box 5042
581 Main Street
Woodbridge, New Jersey 07095-5042
Tel. - 732-750-5300 Ext. 8640 Fax - 732-750-5399

TITLE: **VEHICLE & WELD EXHAUST SYSTEMS**

BID NO: **RM-122765**

DUE DATE: **3-30-16**

TIME: **11:00 AM**

SUBMIT BIDS BEFORE THE DUE DATE AND TIME STATED ABOVE TO THE ABOVE ADDRESS

BIDDER INFORMATION (PLEASE PRINT)

NAME OF BIDDING ENTITY

ADDRESS

CITY, STATE AND ZIP CODE

E-MAIL ADDRESS

REPRESENTATIVE TO CONTACT-NAME & TITLE

TELEPHONE NO.

FEDERAL TAX I.D. NO. or TAXPAYER I.D. NO.

FAX NO

☐ **WE HAVE DOWNLOADED THE BID FROM THE AUTHORITY WEBSITE**

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FAX NO

BUSINESS CORPORATION _____ PARTNERSHIP _____ INDIVIDUAL

OTHER (SPECIFY) _____

SECTION I

A. INTRODUCTION

The New Jersey Turnpike Authority (the “Authority”) was created by an act of the New Jersey Legislature in 1948, known as the New Jersey Turnpike Authority Act (as amended and supplemented, “Act”). The Act authorizes the Authority to construct, maintain, repair, and operate the New Jersey Turnpike, to collect tolls, and to issue Turnpike Revenue Bonds or Notes, subject to the approval of the Governor, payable from tolls and other revenues of the Authority. On May 27, 2003, the Act was amended to empower the Turnpike to assume all powers, rights, obligations and duties of the New Jersey Highway Authority (the “Highway Authority”), which owned and operated the Garden State Parkway and PNC Bank Arts Center. On July 9, 2003, the Authority assumed all powers, rights, obligations and duties of the Highway Authority. The Authority currently operates both the Garden State Parkway (“GSP”) and the New Jersey Turnpike (“Turnpike”) (both roads are collectively referred to herein as the (“Roadways”).

The Authority is governed by an eight member Board of Commissioners (“Board”). The Governor of New Jersey appoints each of its members and has the statutory authority to overturn an action of the Board by vetoing any Board action within 10 days of receiving the minutes of the meeting. The Board authorizes awards of all public contracts over \$35,000, except in cases where it has delegated authority to the Executive Director.

This bid solicitation is being conducted pursuant to the Authority’s enabling statute as found in N.J.S.A. 27.23-6.1 and Executive Order number 37 (Corzine 2006) and the regulations and policies of the Authority with regard to public bid procurement.

B. BIDDER GUIDELINES/CHECKLIST

BIDS THAT FAIL TO CONFORM TO THE FOLLOWING REQUIREMENTS MAY BE REJECTED:

1. The Request of Bid ("RFB"), including specifications and related bid documents ("Bids") must be received at or before the due date and time stated on the cover page at the following place: New Jersey Turnpike Authority, Administration Building, 581 Main Street, Woodbridge, New Jersey 07095. Late Bids will be returned unopened. Telephone or facsimile Bids will not be accepted.
2. **The entity submitting a Bid ("Bidder") must provide one original and one copy of the Bid.** The Bid must include all price information. Bid prices shall include delivery of all items F.O.B. destination or as otherwise provided. Price quotes must be firm through issuance of contract.
3. All Bid prices must be typed or written in ink. Quote the specified unit of measure. If bidding an alternate, provide detailed specifications.
4. All corrections, white-outs, erasures, re-striking of type, or other forms of alteration or the appearance of alteration, to unit and/or total prices must be initialed in ink by the Bidder.
5. The Bidder must attend the mandatory site inspection at the following date(s) and time(s) if applicable:
6. If checked this RFB requires the following mandatory document(s) or the Bid **will** be rejected:
 - (a) Bid Bond or Cashier's Check for 10% of the amount Bid or a Letter of Surety ☒
 - (b) Stockholder/Partnership Disclosure Statement ☒
7. See the Authority's Instruction to Bidders for a complete list of the Authority's standard contract Terms and Conditions, as well as required forms that must be included with the Bid (**SEE ATTACHED**).

The following checked documents are required for this Bid. Failure to submit the required forms may result in the rejection of the Bid.

- (a) State of New Jersey Division of Revenue Business Registration Certificate ☒
 - (b) Certification of Registration with the Secretary of State (only if non-NJ corporation) ☒
 - (c) Acknowledgement of requirement for Disclosure of Political Contributions (ELEC) ☒
 - (d) Public Works Contractor Registration Certificate(s) (if applicable) ☒
 - (e) Affirmative Action Information Sheet with Certificate or Form AA302 ☒
 - (f) Signed Mandatory Equal Employment Opportunity Language ☒
 - (g) SBE/WBE/MBE Certificates and Form ☒
 - (h) Vendor Disclosure Form (EO129-Location of Services) ☒
 - (i) Notice of Set-Off for State Tax (P.L. 1999, c 159) ☒
 - (j) Automobile Insurance Liability Waiver ☐
 - (k) Insurance Certificate ☒
 - (l) Disclosure of Investment Activities in Iran ☒
8. Bidder must sign ☒

SECTION II

A. INTENTION

1. Sealed Bids for RM # 122765 must be received at the New Jersey Turnpike Authority Administrative Offices, 581 Main Street, Woodbridge, New Jersey 07095-5042, by the due date and time stated on the cover page of this "RFB" at which time and place said Bid will be opened and read in public.
2. Bidders mailing Bids should allow for their normal mail delivery time to ensure timely receipt of the Public Bids. **Please be advised that using an overnight/next-day delivery service does not guarantee overnight/next-day deliveries to our location. The Authority will not be responsible for any Bid not being received by the required date and time.**
3. It is the intention of the Authority to issue a purchase order or notice of award for a price agreement for the procurement of **VEHICLE & WELD EXHAUST SYSTEMS**.
4. Items purchased under this contract will be delivered as directed by the Authority.
5. The term of the contract shall be for one year with the option to extend for two additional one-year terms at the Authority's discretion and the vendor's concurrence.
6. Please contact John Parmigiani with any questions regarding this procurement contract at 732-750-5300 x 8632 or jparmigiani@turnpike.state.nj.us

B. BID SHEET INSTRUCTIONS

1. Bidders must follow all instructions in this RFB and in the Instructions to Bidders issued by the Authority, and any other documents issued by the Authority in connection with this RFB (collectively, "Bid Documents").
2. Bidders must examine the bid documents carefully before bidding and must ask the Director of Procurement and Materials Management Department ("PMM") in writing for any interpretation or correction of any apparent ambiguity, inconsistency or apparent error therein. If necessary, an interpretation or correction to the specifications shall be issued by the Director of PMM in response to inquiries and/or addendum shall be faxed to Bidders who have obtained the Bid Documents. Upon the issuing of an addendum, the addendum shall become part of the bid documents. **Requests for interpretation or correction shall be considered only if received at least 5 business days prior to the Bid opening date.** Written requests can be submitted by FAX at 732-750-5399.
3. The submission of the Bid is conclusive evidence that the Bidder is fully aware of the conditions, requirements, and details as stated in the Bid Documents. If the Bidder, prior to submitting its Bid, fails to notify the Director of PMM of the existence of an ambiguity or inconsistency in the Bid Documents, a Bid will conclusively be presumed to have been based upon the Authority's interpretation of such ambiguity or inconsistency.
4. All erasures, interpolations or other physical changes on the Bid form shall be signed or initialed by the Bidder. Bids containing any conditions, omissions, erasure's, alterations, or items not called for in this "RFB" or irregularities of any kind, may be rejected by the Authority, in its sole discretion.
5. The Bidder shall not attach conditions, limitations or provisos to its Bid.

6. **The Authority will accept Approved Equivalent items on this Bid.** If a Bidder is basing the proposal on items other than what is specified, and wishes the items proposed to be considered as an “Approved Equivalent”, the Bidder shall enter a price on the Bid sheet then submit on the Exception Sheet in the exact format of the line item on the RFB contained herein, the item number, an item description including manufacturers name, model number, informational brochure(s), and packaging quantities of those items that the Bidder proposes to substitute.

C. BASIS OF AWARD

1. Bidders must supply a price for every item listed. Bids not having a price for all listed items may be rejected.
2. Bidders must quote only one price per line item. If a Bidder quotes multiple prices per line item, the Bid may be rejected.
3. The Authority will purchase amounts of any given item as needed, at the sole discretion of the Authority and shall not be bound by any quantities listed. The Authority reserves the right to make reasonable increases to line item quantities.
4. All items are to be Bid FOB Destination. All shipping, handling, and other costs should be considered in the Bid price.
5. The Authority is tax exempt from New Jersey Sales and Excise Tax.
6. Award will be made to the lowest responsive Bidder for the total line items Bid.

D. MISCELLANEOUS

1. Delivery Date _____
(Insert if applicable)
2. Payment Terms: The Authority's standard payment terms are Net 30 days. Prompt payment discounts may be offered and must be a minimum of 10 days.

Discount: Maximum time period _____
 Percentage _____

Note: Although prompt payment discounts will not be considered in determining low Bid, the Authority reserves the right to take advantage of any such discounts offered.
3. Contract Bond: The successful bidder will be required upon award, to provide a contract bond in an amount of: **25 % of the contract amount.**

BID QUOTATION SHEET

ITEM	QTY	UNIT	DESCRIPTION	UNIT PRICE	TOTAL DOLLAR AMOUNT
1	130	EACH	VEHICLE EXHAUST FANS PER SPECIFICATIONS AND DRAWINGS	\$	\$
2	15	EACH	WELDING FANS PER SPECIFICATIONS AND DRAWINGS	\$	\$

ANY INQUIRIES CONCERNING THIS BID MUST BE SENT VIA FAX TO 732-750-5399 NO LATER THAN FIVE (5) BUSINESS DAYS BEFORE BID OPENING

NEW JERSEY TURNPIKE AUTHORITY

Andrea E. Ward
Director, PMM Department

_____/_____
Name of Company / Authorized Signature of Bidder

**NEW JERSEY TURNPIKE AUTHORITY
EXPERIENCE QUESTIONNAIRE**

BIDDERS SHALL SUBMIT THIS FORM WITH THEIR BID

Bidder shall fully complete this questionnaire. Failure to submit the completed questionnaire and requested documents with their bid may result in bid rejection.

Name of Bidder _____

Business Address _____

Contact Name _____

E-Mail _____ Phone # _____
(Please Print)

- 1) The Manufacturer shall have five years' experience specializing and manufacturing in vehicle exhaust fans and welding exhaust fans per specifications. The Bidder shall note this history by providing a reference for the manufacturer that is responsible for the overall compliance to this specification:

Manufacturer Firm: _____

Address _____

Contact Name: _____ Phone # _____

- 2) Will the Manufacturer be able to deliver product within time frame listed per specification?

SPECIFICATIONS

REFERENCES

1.1 Air Movement and Control Association International, Inc.:

- A. AMCA 99 - Standards Handbook.
- B. AMCA 204 - Balance Quality and Vibration Levels for Fans.
- C. AMCA 210 - Laboratory Methods of Testing Fans for Aerodynamic Performance Rating.
- D. AMCA 300 - Reverberant Room Method for Sound Testing of Fans.
- E. AMCA 301 - Methods for Calculating Fan Sound Ratings from Laboratory Test Data.

1.1 DEFINITIONS

- A. Where Owner is referenced is shall mean the New Jersey Turnpike Authority (NJTA).
- B. When General Building Contractor/Sub-Contractor/Installer (aka) "Owner Installation Contractor" is referenced, it pertains to the contractor hired to construct the facility.
- C. Where Bidder/Fan Vendor is referenced, it shall mean the firm supplying the NJTA Vehicle Exhaust Fans, Welding Exhaust Fans, and Accessories.
- D. Where Manufacturer is referenced, they are responsible for the design and manufacturer of the fans. If the Fan Vendor is not the manufacturer, they must list the manufacturer with the submittal of their bid.

1.2 SUBMITTALS

- A. Shop Drawings: Indicate size and configuration of fan assembly, mountings, weights, with ductwork and accessory connections. The Bidder shall provide a typical fan assembly shop drawing from truck/vehicle exhaust to roof vent exhaust with part numbers clearly identified. The bidder shall provide a typical fan assembly shop drawing from welding exhaust to roof vent exhaust with part numbers clearly identified.
- B. Product Data: The Bidder shall submit data on each type of fan and include accessories, fan curves with specified operating point plotted, power, RPM, sound power levels for both fan inlet and outlet at rated capacity, electrical characteristics and connection requirements.
- C. Manufacturer's Installation Instructions: The Bidder shall submit fan manufacturer's instructions.
- D. Operation and Maintenance Data: The Bidder shall submit instructions for lubrication, motor and drive replacement, spare parts list, and wiring diagrams.
- E. All submittals shall be provided at the request of the Authority after the Notice of Award.

PART 2

2.1 QUALITY ASSURANCE

- A. Performance Ratings: Conform to AMCA 210 and bear AMCA Certified Rating Seal.
- B. Sound Ratings: AMCA 301, tested to AMCA 300 and bear AMCA Certified Sound Rating Seal.

C. UL Compliance: UL listed and labeled, designed, manufactured, and tested in accordance with UL 705.

D. Balance Quality: Conform to AMCA 204.

2.2 QUALIFICATIONS

A. Manufacturer: Company specializing in manufacturing products specified in this section with minimum five years experience.

2.3 DELIVERY, STORAGE, AND HANDLING

A. When Vehicle fans, Exhaust fans, and accessories are delivered to owner by bidder they must be packaged to protect motors, shafts, and bearings from weather and construction dust. Vehicle and Exhaust fans and accessories shall not be delivered more than one (1) month before the delivery date listed on drawings: MSK-1 and MSK-3.

2.4 FIELD MEASUREMENTS

A. The bidder shall verify field measurements prior to fabrication.

2.5 WARRANTY

A. The bidder shall furnish two (2) year manufacturer's warranty for fans from date of Manufacturer's Startup.

2.6 MAINTENANCE SERVICE

A. The bidder shall furnish service and maintenance of fans for one years from Date of Manufacturer's Startup

B. The bidder shall examine each fan clean, adjust, and lubricate equipment.

C. Bidder to include systematic examination, adjustment, and lubrication of fans, and controls checkout and adjustments. Repair or replace parts in accordance with manufacturer's operating and maintenance data. Use parts produced by manufacturer of original equipment.

D. Bidder to perform work without removing fans from service during building normal occupied hours.

E. Bidder to provide emergency call back service within three (3) hours during working hours for this maintenance period and within twenty-four (24) hours during non-working hours.

F. Bidder to perform maintenance work using competent and qualified personnel under supervision of manufacturer.

G. Bidder shall not assign or transfer maintenance service without prior written consent of Owner.

2.7 EXTRA MATERIALS

A. Bidder to furnish two sets of belts for each fan.

PART 3 PRODUCTS --- **NEDERMAN OR APPROVED EQUIVALENT**

3.1 UPBLAST CENTRIFUGAL HAZARDOUS FUME EXHAUST FANS

- A. Fan shall be single inlet, single width.
- B. Backward inclined fan wheel with single thickness flat blades welded to the shroud and backplate.
- C. Surfaces shall be painted completely with an acid resistant, epoxy grade powder coating.
- D. Pillow block type bearings with cast steel frame bolted to the structural support.
- E. The shaft shall be fabricated of ground and polished cold drawn steel with centers and key slots for the fan wheel and drive sheave. Provide a rust inhibitive asphaltic coating.
- F. The V-belt drive is to be adjustable, and the variable pitch sheave positioned to provide specified capacity at the approximate midpoint of the adjustment range.
- G. Provide belt guard enclosing sheaves and belts, with a tachometer hole.
- H. Fan and base housing to be cold rolled steel, 12-gauge minimum thickness, continuously welded
- I. Bearing supports shall be steel angles with a minimum thickness of 3/16", and welded to the base.
- J. Motor base shall be cold rolled steel, 12-gauge minimum thickness, adjustable position.
- K. Fan platform to match the specified fan, and shall include vibration rail base with suitable isolation, all welded construction, angle iron frame and base channel.
 - 1. Type C: Combination Spring/Elastomer Hanger Isolator (30° Type) VMC: RSH30
 - a. Hangers shall consist of rigid steel frames containing minimum 1 1/4" thick neoprene elements at the top and a steel spring with general characteristics as in Type A. The neoprene element shall have neoprene bushings projecting through the steel box.
 - b. Spring diameters and hanger box lower hole sizes shall be large enough to permit the hanger rod to swing through a 30 degree arc from side to side before contacting the rod bushing and short circuiting the spring.
 - c. Submittals shall include a hanger-drawing showing the 30 degree capabilities.
 - d. Hanger locations requiring pre-compression for holding piping at fixed elevation shall be type pre-compressed for all manufacturers.
- L. Fan accessories
 - 1. Weather cover and inlet tee with flexible connection
- M. Flexible connection shall be high tensile strength weave, glass fiber cloth, impregnated with high temperature silicone compound and insulator coat for heat dissipation. Cloth to be 0.0020" thick, lapped over a resilient core, forming a single-ply, double-overlapped joint. No adhesives. Must withstand temperatures of 1100 degree F, and be flame retardant and oil resistant.
- N. Exhaust Adapters
 - 1. Exhaust adapter shall be molded of advanced resin EPDM. Provide a flared intake opening and tubing connection collar with debris screen.

2. Down drop adapter shall be molded of advanced resin EPDM, with adjustable over center clamp and tapered aluminum jaws for secure pipe attachment. Provide a tubing connection collar and debris screen.
- O. Suspension system
1. Suspension system shall support the flexible hose from overhead when not in use, and lower to the operating level when required.
 2. Lifting device to be a single spring retractor with ratchet stop and 1/4" steel suspension frame with cast eyelet and heavy-duty snap ring.
 3. Shall be able to lift 25 lbs. and have 25 feet of travel.
 4. Tubing to be double weave, nylon reinforced EPDM material, with reinforced eyelets, a stainless steel locking band, safety clip, and harness ring.
- P. Down drop assembly fittings shall be fabricated of 20 gauge sheet metal, and include flanged connections for the hose assembly, and a blast gate damper of two piece cast aluminum construction.
- Q. Provide a hose storage cradle for the hose assembly.
- Welding exhaust accessories include 20' independently supported exhaust arm, fan support, and exhaust nozzle.

**NEDERMAN OR ANY BRAND LISTED, THROUGHOUT THE SPECIFICATIONS INCLUDING DRAWINGS
MAY BE AN APPROVED EQUIVALENT**

PART 4 EXECUTION

4.1 INSTALLATION – By Owner Installation Contractor

- A. The NJTA shall receive and store the fan and accessories for the installation by the Owner Installation Contractor.
- B. Secure fans to structure above with aluminum lag screws to structure.
- C. Provide sheaves required for final air balance.

4.2 MANUFACTURER'S STARTUP

- A. The bidder shall furnish trained representative through manufacturer for minimum of one day per site or until satisfied by the Authority representative to start-up, calibrate controls, and instruct owner on operation and maintenance.
- B. Manufacturer's startup shall be scheduled within 1 year of the due dates specified for each location.

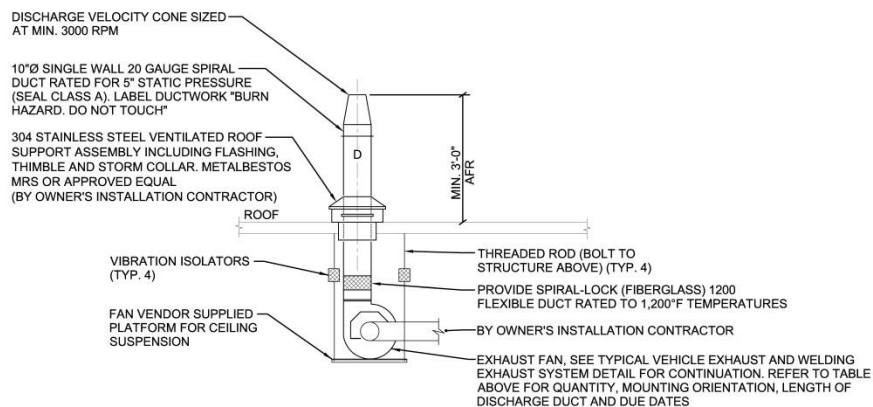
4.3 PROTECTION OF FINISHED WORK – By Owner Installation Contractor

- A. Do not operate fans until ductwork is clean, filters in place, bearings lubricated, and fan has been test run under observation.

VERTICALLY MOUNTED EXHAUST SYSTEMS								
CONTRACT NUMBER	SITE	VEHICLE EXHAUST		WELDING EXHAUST		VEHICLE EXHAUST DUE DATE	WELDING EXHAUST DUE DATE	
		QUANTITY	VERT. STACK LENGTH	QUANTITY	HORIZ/VERT LENGTH			
P500.354	PMD1 - SWAINTON	6	5' - 6"		SEE MSK-3	2 WEEKS ARO	SEE MSK-3	
P500.361	PMD2 - WHITE HORSE	10	(6) 8'-0" & (4) 4'-0"		SEE MSK-3	9/5/2016	SEE MSK-3	
P500.361	PMD3 - OCEAN	8	5'-6"		SEE MSK-3	1/3/2017	SEE MSK-3	
P500.354	PMD4 - HERBERTSVILLE	5	7'-0"		SEE MSK-3	6/1/2016	SEE MSK-3	
P500.360	PMD5 - TELEGRAPH HILL	11	6'-0"		SEE MSK-3	10/1/2016	SEE MSK-3	
P500.360	PMD7 - CLIFTON	8	11'-0"		SEE MSK-3	2 WEEKS ARO	SEE MSK-3	
P500.360	PMD8 - PARAMUS	6	6'-6"		SEE MSK-3	10/1/2016	SEE MSK-3	
T500.365	TMD1 - SWEDESBO	8	14'-6"	1	VERTICAL 15'-0"	2 WEEKS ARO	2 WEEKS ARO	
T500.358	TMD2 - MOORESTOWN	17	14'-6"	1	VERTICAL 15'-0"	10/3/2016	10/3/2016	
T500.358	TMD3 - CROSSWICKS	5	11'-0"	1	VERTICAL 16'-0"	10/3/2016	10/3/2016	
T500.363	TMD4 - CENTRAL SHOPS/HIGHTSTOWN	11	4'-6"		SEE MSK-3	8/15/2016	SEE MSK-3	
T500.355	TMD5 - MILLTOWN	7	11'-0"	1	VERTICAL 18'-0"	9/2/2016	9/2/2016	
T500.356	TMD6 - ELIZABETH	9	5'-6"		SEE MSK-3	9/30/2016	SEE MSK-3	
T500.363	TMD9 - JERSEY CITY	5	8'-0"		SEE MSK-3	7/1/2016	SEE MSK-3	

NOTES:

- FANS AND ACCESSORIES TO BE DELIVERED NOT MORE THAN 1 MONTH BEFORE DUE DATE. FAN VENDOR TO BE REQUIRED TO START-UP FAN (WITHIN 1 YEAR OF DUE DATE.) WARRANTY TO BE 2 YEARS FROM MANUFACTURER'S START-UP.
- ARO = AFTER RECEIPT OF ORDER



VERTICAL VEHICLE EXHAUST/WELDING EXHAUST AND STACK HEAD DETAIL

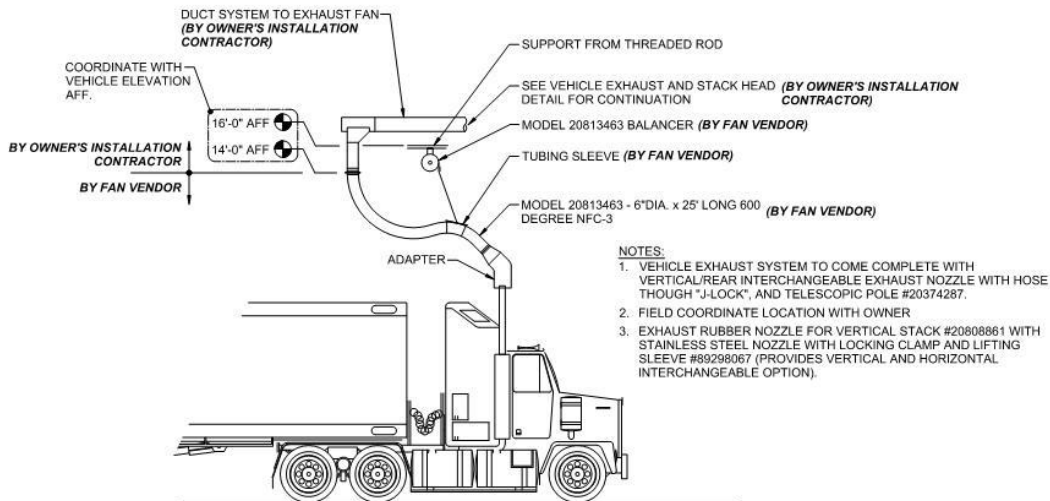
NOTE:
ALL ITEMS INDICATED TO BE PROVIDED BY FAN VENDOR OTHERWISE NOTED AND INSTALLED BY OWNER'S INSTALLATION CONTRACTOR.

FAN SCHEDULE (VERTICALLY MOUNTED)																	
SYMBOL	LOCATION	SERVES	FAN TYPE	AIRFLOW (CFM)	ESP (IN W.G.)	FAN SPEED (RPM)	DRIVE	NOMINAL MOTOR H.P.	CAPACITY CONTROL		ELECTRICAL DATA			OPERATING WEIGHT (LBS)	MANUFACTURER	MODEL	ACCESSORIES / COMMENTS
									STARTER	CONTROLLER	VOLTS	PHASE	HERTZ				
EF	GARAGE	GARAGE	CENT.	600	5		DIRECT	1	MAG	SWITCH	460	3	60	50	NEDERMAN	N24	SEE NOTES BELOW
EF	WELDING BAY	WELDING	CENT.	600	5		DIRECT	1	MAG	SWITCH	460	3	60	50	NEDERMAN	N24	SEE NOTES BELOW

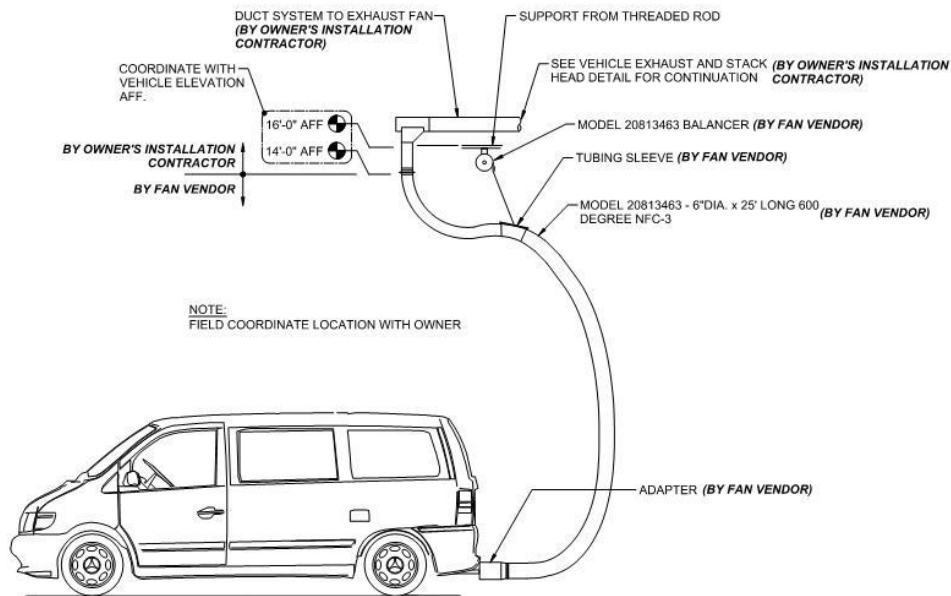
NOTES:

- OWNER'S INSTALLATION CONTRACTOR SHALL FURNISH AND INSTALL ALL CONTROL AND INTERLOCK WIRING.
- OWNER'S INSTALLATION CONTRACTOR TO PROVIDE ALL CONTROLS FOR EXHAUST FAN TO ENSURE INTEGRATION INTO BUILDING MANAGEMENT SYSTEM. ADDITIONALLY THE OWNER'S INSTALLATION CONTRACTOR TO PROVIDE NON-FUSED DISCONNECT SWITCH. SEE ELECTRICAL PLANS FOR LOCATIONS (FIELD COORDINATE FINAL LOCATION WITH OWNER PRIOR TO INSTALL).
- EXHAUST FANS TO COME COMPLETE WITH MOUNTING BRACKETS FOR STRUCTURE ABOVE (PROVIDED BY FAN VENDOR). FURNISH STARTER/TWO-POSITION SWITCH WITH INDICATOR LIGHTS (GREEN - "ON", RED - "OFF") WITHIN NEMA 1 ENCLOSURE (PURCHASED BY OWNER'S INSTALLATION CONTRACTOR).
- REFER TO SPECIFICATIONS FOR STARTUP REQUIREMENTS, MAINTENANCE, AND WARRANTY.
- SHIMS REQUIRED FOR INSTALLATION AT FAN & ROOF PENETRATION SHALL BE CARBON STEEL.

NEW JERSEY TURNPIKE AUTHORITY	ADDENDUM NO:	SKETCH: MSK-1
FAN PROCUREMENT NJTA TO PURCHASE & OWNER'S INSTALLATION CONTRACTOR TO INSTALL	DATE: 8/28/14	MODIFICATION TO DWG:



TYPICAL TRUCK EXHAUST SYSTEM



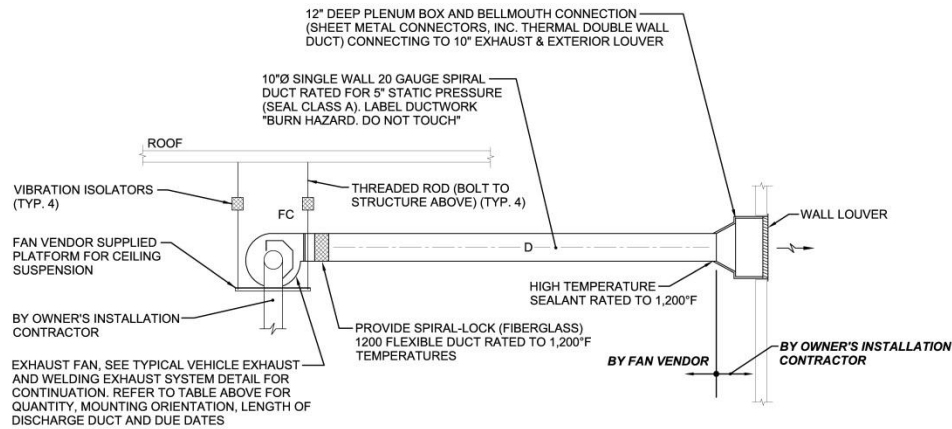
TYPICAL MAINTENANCE VEHICLE EXHAUST SYSTEM

NEW JERSEY TURNPIKE AUTHORITY	ADDENDUM NO:	SKETCH: MSK-2
FAN PROCUREMENT NJTA TO PURCHASE & OWNER'S INSTALLATION CONTRACTOR TO INSTALL	DATE: 8/28/14	MODIFICATION TO DWG:

HORIZONTALLY MOUNTED EXHAUST SYSTEMS								
CONTRACT NUMBER	SITE	VEHICLE EXHAUST		WELDING EXHAUST			VEHICLE EXHAUST	WELDING EXHAUST
		QUANTITY	HORIZ. STACK LENGTH	QUANTITY	HORIZ.	LENGTH	DUE DATE	DUE DATE
P500.354	PMD1 - SWAINTON	SEE MSK-1		1	HORIZONTAL	12'-0"	SEE MSK-1	2 WEEKS ARO
P500.361	PMD2 - WHITE HORSE	SEE MSK-1		1	HORIZONTAL	16'-0"	SEE MSK-1	9/5/2016
P500.361	PMD3 - OCEAN	SEE MSK-1		1	HORIZONTAL	16'-0"	SEE MSK-1	1/3/2017
P500.354	PMD4 - HERBERTSVILLE	SEE MSK-1		1	HORIZONTAL	16'-0"	SEE MSK-1	6/1/2016
P500.360	PMD5 - TELEGRAPH HILL	SEE MSK-1		1	HORIZONTAL	20'-0"	SEE MSK-1	10/1/2016
P500.360	PMD7 - CLIFTON	SEE MSK-1		1	HORIZONTAL	16'-0"	SEE MSK-1	2 WEEKS ARO
P500.360	PMD8 - PARAMUS	SEE MSK-1		1	HORIZONTAL	20'-0"	SEE MSK-1	10/1/2016
T500.365	TMD1 - SWEDESBORO	SEE MSK-1						
T500.358	TMD2 - MOORESTOWN	SEE MSK-1						
T500.358	TMD3 - CROSSWICKS	SEE MSK-1						
T500.363	TMD4 - CENTRAL SHOPS/HIGHTSTOWN	SEE MSK-1		2	HORIZONTAL	22'-0"	SEE MSK-1	8/15/2016
T500.355	TMD5 - MILLTOWN	SEE MSK-1						
T500.356	TMD6 - ELIZABETH	SEE MSK-1		1	HORIZONTAL	30'-0"	SEE MSK-1	9/30/2016
T500.363	TMD9 - JERSEY CITY	SEE MSK-1		1	HORIZONTAL	25'-0"	SEE MSK-1	7/1/2016
A500.357	CENTRAL INVENTORY	14	(13) 15'-0" & (1) 25'-0"				2 WEEKS ARO	NOT APPLICABLE

NOTES:

- FANS AND ACCESSORIES TO BE DELIVERED NOT MORE THAN 1 MONTH BEFORE DUE DATE. FAN VENDOR TO BE REQUIRED TO START-UP FAN (WITHIN 1 YEAR OF DUE DATE.) WARRANTY TO BE 2 YEARS FROM MANUFACTURER'S START-UP.
- ARO = AFTER RECEIPT OF ORDER



HORIZONTAL VEHICLE EXHAUST(CENTRAL INVENTORY ONLY)/WELDING EXHAUST AND STACK HEAD DETAIL

NOTE:

ALL ITEMS INDICATED TO BE PROVIDED BY FAN VENDOR OTHERWISE NOTED AND INSTALLED BY OWNER'S INSTALLATION CONTRACTOR.

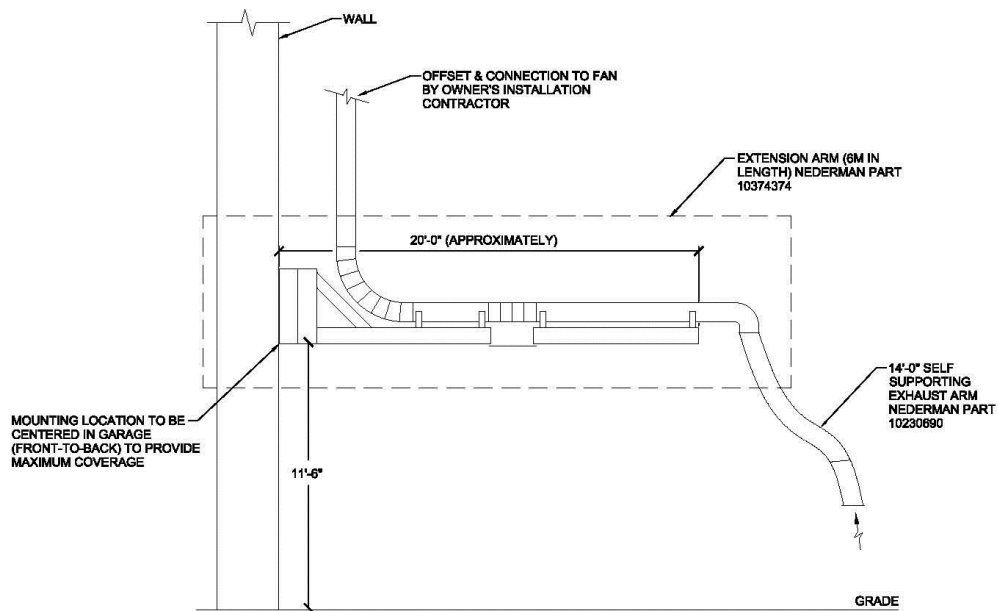
FAN SCHEDULE (HORIZONTALLY MOUNTED)																	
SYMBOL	LOCATION	SERVES	FAN TYPE	AIRFLOW (CFM)	ESP (IN W.G.)	FAN SPEED (RPM)	DRIVE	NOMINAL MOTOR H.P.	CAPACITY CONTROL		ELECTRICAL DATA			OPERATING WEIGHT (LBS)	MANUFACTURER	MODEL	ACCESSORIES / COMMENTS
									STARTER	CONTROLLER	VOLTS	PHASE	HERTZ				
EF	GARAGE	GARAGE	CENT.	600	5		DIRECT	1	MAG	SWITCH	460	3	60	50	NEDERMAN	N24	SEE NOTES BELOW
EF	WELDING BAY	WELDING	CENT.	600	5		DIRECT	1	MAG	SWITCH	460	3	60	50	NEDERMAN	N24	SEE NOTES BELOW

NOTES:

- OWNER'S INSTALLATION CONTRACTOR SHALL FURNISH AND INSTALL ALL CONTROL AND INTERLOCK WIRING.
- OWNER'S INSTALLATION CONTRACTOR TO PROVIDE ALL CONTROLS FOR EXHAUST FAN TO ENSURE INTEGRATION INTO BUILDING MANAGEMENT SYSTEM. ADDITIONALLY THE OWNER'S INSTALLATION CONTRACTOR TO PROVIDE NON-FUSED DISCONNECT SWITCH. SEE ELECTRICAL PLANS FOR LOCATIONS (FIELD COORDINATE FINAL LOCATION WITH OWNER PRIOR TO INSTALL).
- EXHAUST FANS TO COME COMPLETE WITH MOUNTING BRACKETS FOR STRUCTURE ABOVE (PROVIDED BY FAN VENDOR). FURNISH STARTER/TWO-POSITION SWITCH WITH INDICATOR LIGHTS (GREEN - "ON", RED - "OFF") WITHIN NEMA 1 ENCLOSURE (PURCHASED BY OWNER'S INSTALLATION CONTRACTOR).
- REFER TO SPECIFICATIONS FOR STARTUP REQUIREMENTS, MAINTENANCE, AND WARRANTY.
- SHIMS REQUIRED FOR INSTALLATION AT FAN & WALL PENETRATION SHALL BE CARBON STEEL.

NEW JERSEY TURNPIKE AUTHORITY	ADDENDUM NO:	SKETCH: MSK-3
FAN PROCUREMENT NJTA TO PURCHASE & OWNER'S INSTALLATION CONTRACTOR TO INSTALL	DATE: 8/28/14	MODIFICATION TO DWG:

3/14/2016 11:21 AM
0:57:07 - NJTA GFM FACILITIES WORKING3S DESIGN3S MIEQUIPVEHICLE & WELD EXHAUSTCAODD SIETCH3MSK-4.DWG



WELDING EXHAUST ARM

NOTE: ALL ITEMS NOTED TO BE PROCURED BY
OWNER UNLESS OTHERWISE NOTED.

NEW JERSEY TURNPIKE AUTHORITY	ADDENDUM NO:	SKETCH: MSK-4
FAN PROCUREMENT NJTA TO PURCHASE & OWNER'S INSTALLATION CONTRACTOR TO INSTALL	DATE: 02/26/16	MODIFICATION TO DWG:

E. SIGNATURE PAGE

1. **ADDENDA / INQUIRIES:** COMPLETE (if applicable) BEFORE SUBMITTING BID:
Receipt of Addendum / Inquiries # _____ dated _____ is hereby acknowledged.
Receipt of Addendum / Inquiries # _____ dated _____ is hereby acknowledged.

☐ **CHECK BOX IF NO ADDENDA/INQUIRY ISSUED**

(All Addenda / Inquiries must be acknowledged as indicated above.)

2. **BID IRREVOCABLE:** This offer shall be irrevocable for ninety (90) working days after the date on which the Authority publicly opens this Bid.
3. **OFFER/CERTIFICATION:** The undersigned offers and agrees to furnish to the New Jersey Turnpike Authority the services and/or materials in compliance with all terms, conditions, specifications and addenda of the RFB, Bid Documents, and resulting contract. The undersigned further certifies understanding and compliance with the requirements of the standard terms and conditions as stated in the Instructions to Bidders included with the Bid Documents. The undersigned certifies that he or she executes this Bid with full authority so to do; and that all statements contained in this Bid and in this certification are true and correct, and made with full knowledge that the Authority relies upon the truth of the statements contained herein and in any statements requested by the Authority showing evidence of qualifications in awarding the contract.

I certify that the foregoing statements made by me are true. I am aware that if any of the foregoing statements made by me are willfully false, I am subject to punishment.

4. **AUTHORIZED SIGNATURE:** _____

Print Name and Title: _____

Bidder: _____

Address: _____

City, State, Zip: _____

E-mail address _____

Telephone #: _____ Fax: _____

Date: _____

SECTION III

NO RESPONSE BID SURVEY

BID REQUISITION NUMBER: RM-122765

PROPOSAL TITLE: VEHICLE & WELD EXHAUST SYSTEMS.

If you do not choose to respond to this Bid, please complete the form below:

Name of Company _____

Reason you did not respond (Check all that apply)

_____ Cannot supply product or service

_____ Cannot meet technical specifications

_____ Cannot meet delivery specifications

_____ Cannot meet legal requirements
(i.e. Bid/performance/security/insurance, etc.)

_____ Cannot provide a competitive price at this time

_____ Interested in receiving specifications for informational purposes only

_____ Insufficient lead time to respond

_____ Other:(please be specific) _____

Do you wish to remain on our mailing list?

_____ Yes

_____ No

Additional comments: _____

Signed :(optional) _____

Company: _____

Exception Form: Vendors may list proposed equivalent items below for consideration by the Authority, and should include the item number, item description, manufacturer's name, model number and packaging quantities of those items which the vendor proposes to substitute. Vendors may not use this form to attach conditions, limitations, or other provisos to their bid. Please be advised that any proposed equivalent or other exceptions that are deemed to be a material deviation from the specifications shall be a mandatory cause for rejection of the bid, and the vendor proceeds at its own risk

[illegible]

Delivery Date Exception

Warranty Date Exception_____

Vendor's Name_____

Signature of Vendor Responsible Officer_____

Date _____